

WE'RE WORKING ON IT- NEONATAL
SURGICAL BENCHMARKING PUSHING
FORWARD Anne Aspin 2008

**PREPARATIONS FOR BOWEL
SURGERY,
VARIATIONS IN PRACTICE**



INTRODUCTION

- Mainly relates to babies who are diagnosed with Hirschprung's disease, but some aspects would sit nicely with other disorders
- Bowel preparation by 'washouts' or 'irrigation'
- Preparation of the buttocks



Doing the deed!

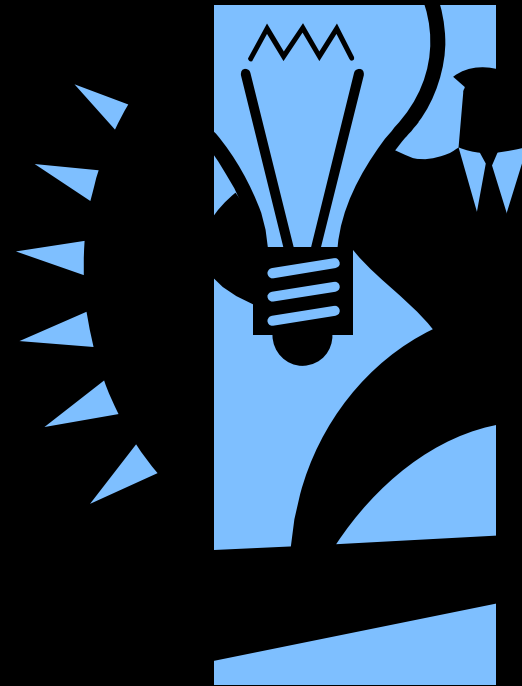


Bowel washout's

- Pre-operative/ post
- Which catheter?
- Which lubrication gel?
- How far to insert the tube?
- Which solution
- How much solution per instillation?
- How much per procedure?
- How often?
- How effective is this?
- References:
(see last page)

Where is the best evidence for best practice?

- Expert opinion
- Consensus
- Usual practice
- Case series
- Limited studies



The answers!

- The catheter – soft
- Lubricating gel – non alcohol based
- How far to insert –
<2kg 2-3cm,>2kg 5cm advised but!!
- Solution – Normal saline, N/S and KCL
Polyethylene glycol

- How much solution?

10ml/kg

15 ml/kg

20 ml/kg *

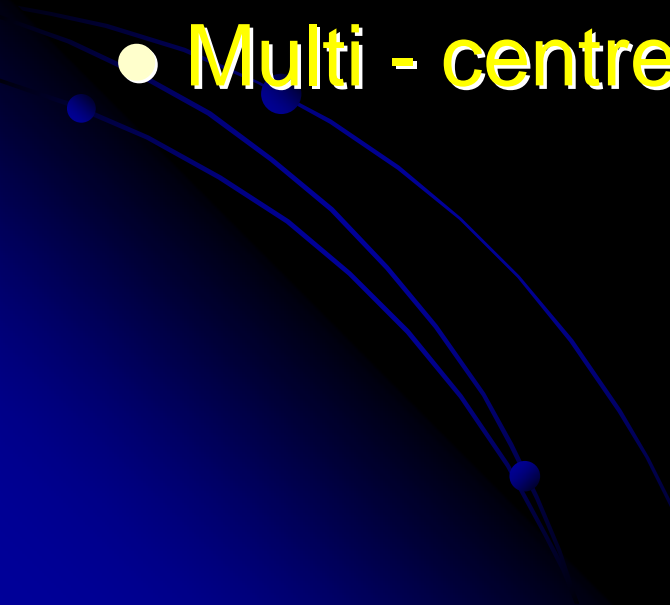
100 ml/kg

Large amounts, quantity not stated

Buttock preparation

- Dermaguard wipes
- Metanium
- Sudocream
- E45
- Stool
- Vaseline/yellow paraffin
- Orahesive powder
mixed with orobase paste
- Orobase paste
- Ilex cream (USA)
- Aquaphor with Maalox
- Johnson's cornstarch
baby powder
- Sucralphate
- Cholestyramine

FUTURE

- Using best evidence for best practice
 - Variations in practice
 - Multi - centre study for rectal washouts
- 

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